

E & B Helicopters Ltd.
 Box 1000
 Campbell River, BC V9W 6Y4
 Phone: 250-287-4421 – Fax: 2502-287-4352

Shipping Sheet

Ship To: Aero Design Ltd 2013-39 th Ave N.E. Calgary, AB T2E-6R7	Date: April 13, 2009
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Contact:	
Phone:	1-403-250-8027
Fax:	

Ship Via: Van Kam	Collect: <input type="checkbox"/>	Prepaid: <input checked="" type="checkbox"/>
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Customer PO:	E & B Helicopters PO:
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Action to be taken: Return Cargo Basket.

Contents of Shipment:				
Item	Qty	Part No.	Description	Comment
1	1		407 Cargo Basket	S/N 69801-01 Prev Cert: C-FEBC

I certify that a receiving inspection has been completed in accordance with AMO 215-91 MPM and found the items listed comply with the applicable airworthiness requirements. Records for the above items are on file with this organization.

Signature: _____ SCA: _____



Box 1000

Campbell River, B.C. V9W 6Y4

(250) 287-4421

Fax 287-4352

D.O.T. APP. No. AMO 215-91

Nomenclature 407 CARGO BASKET

Part No. or Ident. _____ S/N 69801-01

Removed from C-FEBC Date APR 10/09

A/C Total Time _____ Unit: TSO/TSN _____

Reason for Removal REPLACED WITH NEW

Action to be taken RETURN TO AERODESIGN LTD.

Signature [Signature]

UNSERVICEABLE

October 1, 2009

Address:

Alpen Helicopters
215 - 5333 216th Street
Langley, British Columbia
V2Y 2N3

Attention:

Scott

Phone #:

604-530-4343

We hereby declare that the parts supplied herein do conform with the referenced drawings. Use and installation of the parts may require further approval, and shall also comply with applicable airworthiness standards.


Signature

Product: Bell 407 Quick Release Cargo Basket

Reference: Your Purchase Order #: _____

Documents Included with this Shipment:

Supplemental Type Certificate	SH00-48	Issue 7
Document Control List	DCL701	Revision 3
Flight Manual Supplement	FMS701.90	Revision 2
Instructions for Continued Airworthiness	ICA698.90	Revision 1
Installation Drawing	70101	Revision 3
Installation Drawing	70102	Revision 0

Parts and Assemblies Included with this Shipment:

Quantity Ordered	Quantity Shipped	Part Number	Description
1	1	69810-01	Quick Release Cargo Basket (S/N 69801-28, w/ Lid Step and Front End Cutout)

AERO Design Ltd.
2013 – 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-28

WO #: 2006-05 Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: With Lid Step and Walkway. Conververted from S/N 69801-01

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Oct 1 / 09
Date

Jff Oake.
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: QUICK RELEASE CARGO BASKET Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-01

WO #: 2006-05 Quantity: 1

Eligibility: BELL 206L/407 Work Status: Manufactured

Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 6/06
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: QUICK RELEASE FORWARD BEAM Part #: 69830-01

Approval #: SH00-48 Serial #: /

WO #: 2006-06 Quantity: 1

Eligibility: BELL 206L/407 Work Status: Manufactured

Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 6/06
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: QUICK RELEASE AFT BEAM Part #: 69831-01

Approval #: SH00-48 Serial #: /

WO #: 2006-06 Quantity: 1

Eligibility: BELL 206L/407 Work Status: Manufactured

Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 6/06
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: QUICK RELEASE CARGO BASKET Part #: 69810-01
Approval #: SH00-48 Serial #: 69801-02
WO #: 2006-05 Quantity: 1
Eligibility: BELL 206L/407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 6/06
Date

Jeff Clarke
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: QUICK RELEASE FORWARD BEAM Part #: 69830-01
Approval #: SH00-48 Serial #: /
WO #: 2006-06 Quantity: 1
Eligibility: BELL 206L/407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 6/06
Date

Jeff Clarke
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: QUICK RELEASE AFT BEAM Part #: 69831-01
Approval #: SH00-48 Serial #: /
WO #: 2006-06 Quantity: 1
Eligibility: BELL 206L/407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 6/06
Date

Jeff Clarke
Inspector's Signature

WORK ORDER 2006-05

Date opened: 10 May 2006

Project: Quick Release Cargo Basket Assembly
Type: Bell 206L Series, 407

Batch Quantity: 2 Complete Basket Assemblies (69810-01)

Approval: SH00-48
Drawing List: DCL698-1

Fabrication and Assembly Drawing(s)	Description
69810, Rev. 0	Basket Ass'y
69811, Rev. 0	Basket Body Ass'y
69812, Rev. 0	Basket Lid Ass'y
36255, Rev. 1	Handle Installation
36261, Rev. 1	Handle Bar Ass'y
36262, Rev. 1	Handle Bracket Ass'y

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____

June 6/06
Inspector Signature: _____ Date: _____

Drawing: 69810 Revision 0
 Assembly: 69810-01 Cargo Basket Ass'y (Quick-Release)

Qty	Part #	Description	Material	P.O./W.O.	Checked
	69810-01	Cargo Basket Assembly			
	69811-01	Basket Body Assembly	Below		
	69812-01	Basket Lid Assembly	Below		
	36255-01	Handle Bar Installation	Below		
	36280-01	Brace Assembly	9-2081 Brace	5034	✓
1	MS20001P4	Piano Hinge		6010	✓
1	69827-01	Placard	3M Scotchcal Vinyl	6036	✓
3	49205-14	Bumper	Argus Industries Bumper	6038	✓
26	CR3213-4-02	Cherry Rivet		5026/6035	✓
2	40088-14	Fitting	Ancra	6030	✓
4	AN960-616	Washer		6016	✓



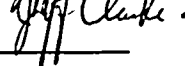
Processes	Per	Mat'l's Used	Inspection	Signature
Riveting	AC43.13-1B	CR3213-4-02 Rivets	OK	JC <i>[Signature]</i>
Final Inspection	Drawing 69810		OK	JC <i>[Signature]</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69811 Revision 0
 Assembly: 69811-01 Basket Body Ass'y (Quick-Release)

Qty	Part #	Description	Material	P.O.W.O.	Checked
	69811-01	Basket Body Assembly			
2	69821-01	End Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	5012	✓
3	49210-02	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	5012	✓
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	5012/6026	✓
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	5012/6026	✓
4	69825-01	Spine	4130 Steel, 1/2" x 0.035 Sqr. Tube	5012	✓
2	69826-01	Strut	4130 Steel, 1/2" x 0.035 Sqr. Tube	5012	✓
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, 1/2" Rod	951108A	✓
A/R	3/4-16F	Mesh	Expanded carbon steel	6007	✓

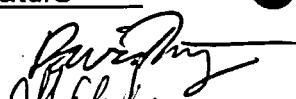


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2	OK	DM 
Powder Coat	Drawing 69811		OK	JC 
Final Inspection	Drawing 69811		OK	JC 

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69812 Revision 0
 Assembly: 69812-01 Basket Lid Ass'y (Quick-Release)

Qty	Part #	Description	Material	P.O.W.O.	Checked
	69812-01	Basket Body Assembly			
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	5012/6026	✓
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	5012/6026	✓
3	49213-01	Lid Brace	4130 Steel, 3/4" x 0.035 Sqr. Tube	5012/6026	✓
1	49216-01	Spacer	1018 Steel, 1/2" Rod	451108	✓
1	36262-01	Upper Handle Bracket Assembly	Below	951108A	✓
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet		✓
A/R	3/4-16F	Mesh	Expanded carbon steel	6007	✓

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2	OK	DM 
Powder Coat	Drawing 69812		OK	JC 
Final Inspection	Drawing 69812		OK	JC 

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36255 Revision 1
Assembly: 36255-01 Handle Installation

Qty	Part #	Description	Material	P.O./W.O.	Checked
	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		✓
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	5028	✓
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	4049	✓
2	AN3-14A	Bolt		5027	✓
4	AN960-10	Washer		5004	✓
2	MS21044N3	Nut		5004	✓

Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 36255		OK	JC <i>[Signature]</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36261 Revision 1
 Assembly: 36261-01 Handle Bar Assembly

Qty	Part #	Description	Material	P.O./W.O.	Checked
	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	6006	✓
2	36271-01	Lever	304 Stainless, 0.100 Sheet	PRE WD.	✓
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	2005	✓
2	36276-01	Hook	6061-T6 Aluminum, 5/16" Dia. Rod.	2009	✓
2	MS20470AD4-6	Rivet			



Processes	Per	Mat'l's Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod AMS 5680 ER308L	OK	DM <i>[Signature]</i>
Final Inspection	Drawing 36261		OK	JC <i>[Signature]</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36262 Revision 1
Assembly: 36262-01 Handle Bracket Assembly

Qty	Part #	Description	Material	P.O./W.O.	Checked
	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	4130 Steel, 0.050 Sheet	2019	✓
2	36273-01	Lid Bracket	4130 Steel, 0.050 Sheet	2019	✓
2	36275-02	Support	304 Stainless, 5/16" Rod	6003	✓

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2	OK	DM 
Final Inspection	Drawing 36262		OK	JC 

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

WORK ORDER 2006-06

Date opened: 10 May 2006

Project: Quick Release Cargo Basket Beams
Type: Bell 206L Series, 407Batch Quantity: 3 ~~4~~ Forward Beam Ass'y (69830-01)
3 ~~4~~ Aft Beam Ass'y (69831-01)
1 Forward Beam Ass'y (69831-02)
1 Aft Beam Ass'y (69831-02)Approval: SH00-48
Drawing List: DCL698-1

Fabrication and Assembly Drawing(s)	Description
69830, Rev. 0	Forward Beam Ass'y
69831, Rev. 0	Aft Beam Ass'y

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____

Inspector Signature: Jeff Clark Date: June 6/06

Drawing: 69830 Revision 0
 Assembly: 69830-01 Forward Beam Ass'y (Quick-Release)

Qty	Part #	Description	Material	P.O./W.O.	Checked
	69830-01	Forward Beam Assembly			
1	69830-03	Tube	CSA G40.21 50W, 1x2x0.125 tube	6032	✓
1	69830-04	Tube	CSA G40.21 50W, 1x2x0.125 tube	6032	✓
2	69830-05	Bushing	1018 4130 Steel, 5/8" Rod	951108	✓
1	69830-06	Strap	4130 Steel, 0.125" Sheet	6031	✓
1	69830-07	Hook	CSA G40.21 50W, 1x2x0.125 tube	6032	✓
2	69830-08	Hook Support	CSA G40.21 50W, 1x1x0.125 angle	6032	✓
1	69830-09	Cap	4130 Steel, 0.025" Sheet	9506142	✓
1	69830-10	Cap	4130 Steel, 0.025" Sheet	9506142	✓
1	69830-11	Guide	304 Stainless, 3/4" x 0.058" Rnd. Tube	6025	✓
1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	3005	✓
1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	3005	✓
1	69830-23	Spring	15mm x 70 mm Spring	6039	✓
1	#10-32	Screw	Stainless Steel, Commercial	—	✓
1	MS21044C3	Nut		1013	✓

Processes	Per	Mat'l's Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2, AMS 5680A	OK	DM <i>David M...</i>
Powder Coat	Drawing 69830		OK	JC <i>Jeff Clarke</i>
Final Inspection	Drawing 69830		OK	JC <i>Jeff Clarke</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69831 Revision 0
 Assembly: 69831-01 Aft Beam Ass'y (Quick-Release)

Qty	Part #	Description	Material	P.O./W.O.	Checked
	69831-01	Aft Beam Assembly			
1	69831-03	Tube	CSA G40.21 50W, 1x2x0.125 tube	6032	✓
1	69831-04	Tube	CSA G40.21 50W, 1x2x0.125 tube	6032	✓
1	69831-05	Tube	CSA G40.21 50W, 1x2x0.125 tube	6032	✓
2	69830-05	Bushing	1018-4130 Steel, 5/8" Rod	951108	✓
1	69830-06	Strap	4130 Steel, 0.125" Sheet	6031	✓
1	69830-07	Hook	CSA G40.21 50W, 1x2x0.125 tube	6032	✓
2	69830-08	Hook Support	CSA G40.21 50W, 1x1x0.125 angle	6032	✓
1	69830-09	Cap	4130 Steel, 0.025" Sheet	9506142	✓
1	69830-10	Cap	4130 Steel, 0.025" Sheet	9506142	✓
1	69830-11	Guide	304 Stainless, 3/4" x 0.058" Rnd. Tube	6025	✓
1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	3005	✓
1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	3005	✓
1	69830-23	Spring	15mm x 70 mm Spring	6039	✓
1	#10-32	Screw	Stainless Steel, Commercial	—	✓
1	MS21044C3	Nut		1013	✓

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2, AMS 5680A	OK	DM <i>[Signature]</i>
Powder Coat	Drawing 69831		OK	JC <i>[Signature]</i>
Final Inspection	Drawing 69831		OK	JC <i>[Signature]</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69830 Revision 0
 Assembly: 69830-02 Forward Beam Ass'y (Quick-Release, Stainless Steel)

Qty	Part #	Description	Material	P.O./W.O.	Checked
	69830-02	Forward Beam Assembly			
1	69830-13	Tube	304 Stainless, 1x2x0.125 tube	6026	✓
1	69830-14	Tube	304 Stainless, 1x2x0.125 tube	6026	✓
2	69830-15	Bushing	304 Stainless, 5/8" Rod	950112	✓
1	69830-16	Strap	304 Stainless, 0.100" Sheet	991201	✓
1	69830-17	Hook	304 Stainless, 1x2x0.125 tube	6026	✓
2	69830-18	Hook Support	304 Stainless, 1x1x0.125 angle	6025	✓
1	69830-19	Cap	321 Stainless, 0.025" Sheet	3021	✓
1	69830-20	Cap	321 Stainless, 0.025" Sheet	3021	✓
1	69830-11	Guide	304 Stainless, 3/4" x 0.058" Rnd. Tube	6025	✓
1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	3005	✓
1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	3005	✓
1	69830-23	Spring	15mm x 70 mm Spring	6039	✓
1	#10-32	Screw	Stainless Steel, Commercial	—	✓
1	MS21044C3	Nut		1013	✓

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod AMS 5680A	OK	DM <i>David Perry</i>
Final Inspection	Drawing 69830		OK	JC <i>Off Clerk</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69831 Revision 0
 Assembly: 69831-01 Aft Beam Ass'y (Quick-Release, Stainless Steel)

Qty	Part #	Description	Material	P.O./W.O.	Checked
	69831-01	Aft Beam Assembly			
1	69831-13	Tube	304 Stainless, 1x2x0.125 tube	6026	✓
1	69831-14	Tube	304 Stainless, 1x2x0.125 tube	6026	✓
1	69831-15	Tube	304 Stainless, 1x2x0.125 tube	6026	✓
2	69830-15	Bushing	304 Stainless, 5/8" Rod	950112	✓
1	69830-16	Strap	304 Stainless, 0.125" Sheet	991201	✓
1	69830-17	Hook	304 Stainless, 1x2x0.125 tube	6026	✓
2	69830-18	Hook Support	304 Stainless, 1x1x0.125 angle	6025	✓
1	69830-19	Cap	321 Stainless, 0.025" Sheet	3021	✓
1	69830-20	Cap	321 Stainless, 0.025" Sheet	3021	✓
1	69830-11	Guide	304 Stainless, 3/4" x 0.058" Rnd. Tube	6025	✓
1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	3005	✓
1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	3005	✓
1	69830-23	Spring	15mm x 70 mm Spring	6039	✓
1	#10-32	Screw	Stainless Steel, Commercial	6013	
1	MS21044C3	Nut		1013	✓

Processes	Per	Mat'l's Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod AMS 5680A	OK	DM <i>David M. ...</i>
Final Inspection	Drawing 69831		OK	JC <i>John C. ...</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69831 Revision 0
 Assembly: 69831-01 Aft Beam Ass'y (Quick-Release)

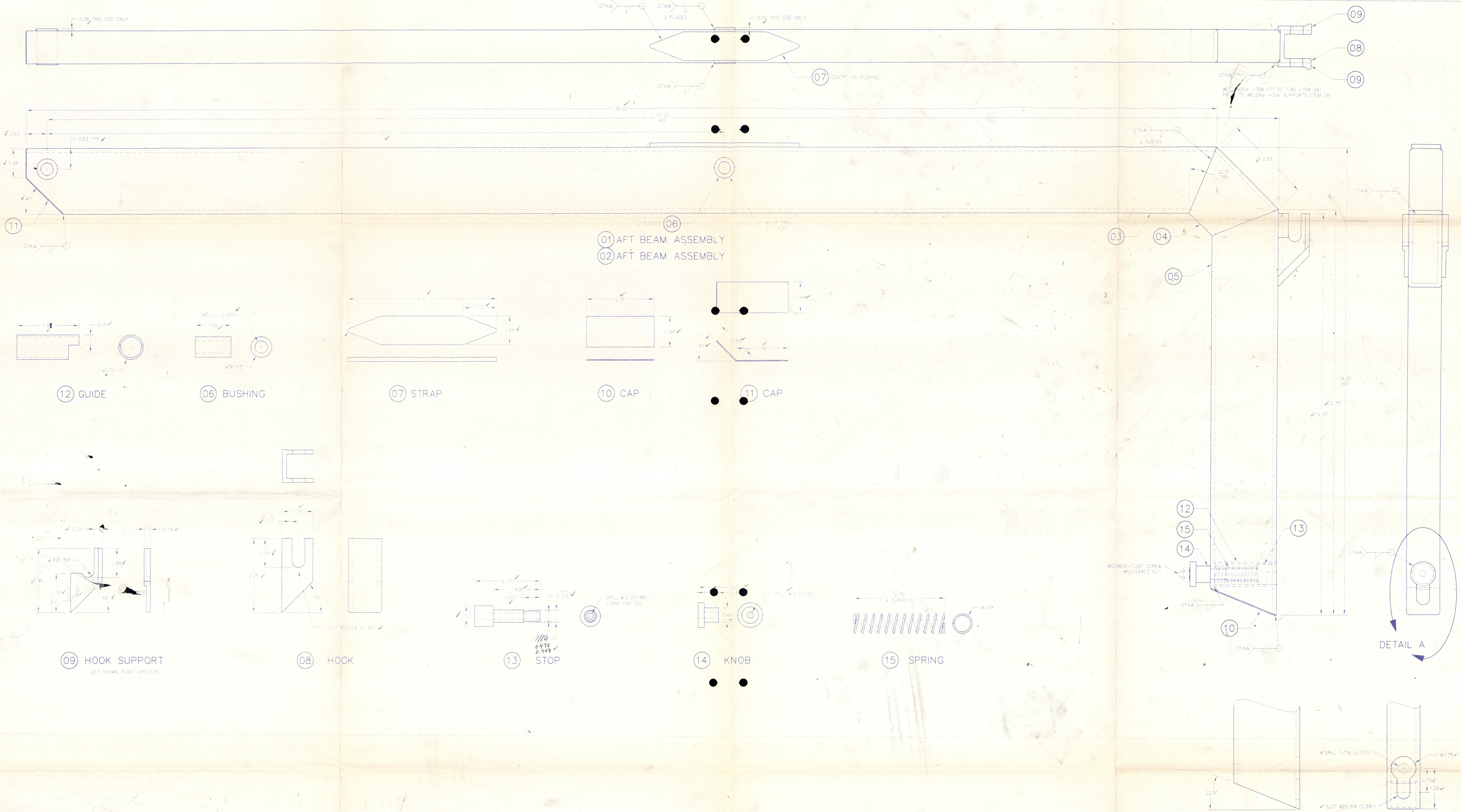
TEST ARTICLE

Qty	Part #	Description	Material	P.O./W.O.	INSPECTED Checked
	69831-01	Aft Beam Assembly			
1	69831-03	Tube	CSA G40.21 50W, 1x2x0.125 tube	6032	
1	69831-04	Tube	CSA G40.21 50W, 1x2x0.125 tube	6032	
1	69831-05	Tube	CSA G40.21 50W, 1x2x0.125 tube	6032	
2	69830-05	Bushing	1018 4130 Steel, 5/8" Rod	951108	
1	69830-06	Strap	4130 Steel, 0.125" Sheet	6031	
1	69830-07	Hook	CSA G40.21 50W, 1x2x0.125 tube	6032	
2	69830-08	Hook Support	CSA G40.21 50W, 1x1x0.125 angle	6032	
1	69830-09	Cap	4130 Steel, 0.025" Sheet	9506142	
1	69830-10	Cap	4130 Steel, 0.025" Sheet	9506142	
1	69830-11	Guide	304 Stainless, 3/4" x 0.058" Rnd. Tube	6025	
1	69830-21	Stop	6061-T6 Aluminum, 5/8" Rod	3005	
1	69830-22	Knob	6061-T6 Aluminum, 3/4" Rod	3005	
1	69830-23	Spring	15mm x 70 mm Spring	6039	
1	#10-32	Screw	Stainless Steel, Commercial	6039	
1	MS21044C3	Nut		1013	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2, AMS 5680A	OK	<i>David P. ...</i>
Powder Coat	Drawing 69831			
Final Inspection	Drawing 69831			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.



- NOTES
- REMOVE ALL BURRS AND BREAK SHARP EDGES.
 - WELDING OF STEEL TO BE COMPLETED BY GTAW METHOD TO AWS2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT FOR 4130/HSS STEEL. WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT FOR STAINLESS STEEL.
 - ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY.
 - AFT BEAM ASSEMBLY (69831-02) MAY BE USED AS A DIRECT REPLACEMENT FOR AFT BEAM ASSEMBLY (69831-01).

QTY	QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	1	MS21044C3	NUT		STAINLESS STEEL	COMMERCIAL	
1	1	#10-32	C/SUNK SCREW		STAINLESS STEEL	COMMERCIAL	15mm x 70mm SPRING
1	1	69830-23	15	SPRING	6061-T6 ALUMINUM	90-A-200/8	#0.75 ROD
1	1	69830-22	14	KNOB	6061-T6 ALUMINUM	90-A-200/8	#0.625 ROD
1	1	69830-21	13	STOP	6061-T6 ALUMINUM	90-A-200/8	#0.625 ROD
1	1	69830-11	12	GUIDE	304 STAINLESS STEEL	ASTM A269	#0.75 x 0.058 RND. TUBE
1	1	69830-20	11	CAP	321 STAINLESS COND. A	AMS 5510	0.025 SHEET
1	1	69830-10	11	CAP	4130 STEEL COND. N	MIL-S-18729	0.025 SHEET
1	1	69830-19	10	CAP	321 STAINLESS COND. A	AMS 5510	0.025 SHEET
1	1	69830-09	10	CAP	4130 STEEL COND. N	MIL-S-18729	0.025 SHEET
1	1	69830-18	09	HOOK SUPPORT	HSS STAINLESS STEEL	CSA G40.21 50R	1.0 x 1.0 x 0.125 ANGLE
1	1	69830-08	09	HOOK SUPPORT	HSS STEEL	CSA G40.21 50W	1.0 x 1.0 x 0.125 ANGLE
2	2	69830-17	08	HOOK	304 STAINLESS STEEL	ASTM A554	1 x 2 x 0.125 TUBE
2	2	69830-07	08	HOOK	HSS STEEL	CSA G40.21 50W	1 x 2 x 0.125 TUBE
1	1	69830-16	07	STRAP	304 STAINLESS STEEL	MIL-S-5059	0.100 SHEET
1	1	69830-06	07	STRAP	4130 STEEL COND. N	MIL-S-18729	0.125 SHEET
1	1	69830-15	06	BUSHING	304 STAINLESS STEEL	ASTM A479	#0.625 ROD
1	1	69830-05	06	BUSHING	MILD STEEL	AISI 1010/1020	#0.625 ROD
1	1	69831-14	05	TUBE	304 STAINLESS STEEL	ASTM A554	1 x 2 x 0.125 TUBE
1	1	69831-04	05	TUBE	HSS STEEL	CSA G40.21 50W	1 x 2 x 0.125 TUBE
1	1	69831-14	04	TUBE	304 STAINLESS STEEL	ASTM A554	1 x 2 x 0.125 TUBE
1	1	69831-04	04	TUBE	HSS STEEL	CSA G40.21 50W	1 x 2 x 0.125 TUBE
1	1	69831-13	03	TUBE	304 STAINLESS STEEL	ASTM A554	1 x 2 x 0.125 TUBE
1	1	69831-03	03	TUBE	HSS STEEL	CSA G40.21 50W	1 x 2 x 0.125 TUBE
1	1	69831-02	02	AFT BEAM ASSEMBLY (STAINLESS STEEL)			
1	1	69831-01	01	AFT BEAM ASSEMBLY			

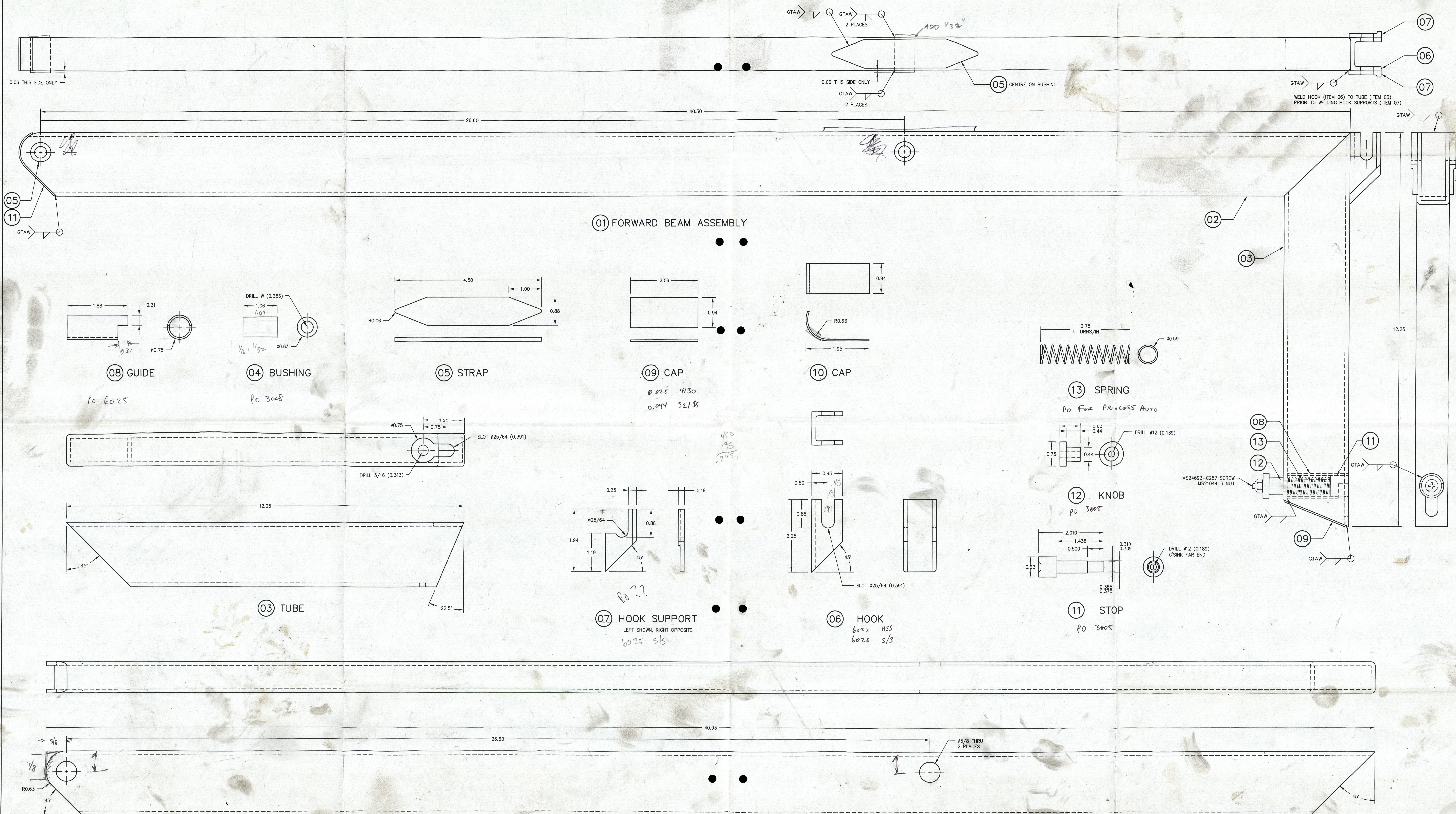
LIST OF MATERIALS - STEEL BEAM

APPROVALS	DATE	AERO DESIGN LTD.	
DRAWN: JEFF CLARKE	06 APR 2006	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 280M	
CHECKED: E. BURGON		2013 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7	
		tel: (403) 250-8087 fax: (403) 250-8339 aerodesign@telusplanet.net	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ON:		BELL 206L / 407	
DECIMALS		QUICK RELEASE CARGO BASKET	
X.XXX ±0.010		AFT BEAM FABRICATION	
X.XX ±0.03			
X.X ±0.1			
ANGLES ±1/2°			
SCALE 1:2	DWG. SIZE A0	DWG. NO. 69831	REV. 0
SHEET 1 OF 1			

- NOTES
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
 2. WELDING OF STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2685C.
WELDING ROD SHALL CONFORM TO EX705-2 OR EQUIVALENT FOR 4130/HSS STEEL.
WELDING ROD SHALL CONFORM TO AMS 5680 OR EQUIVALENT FOR STAINLESS STEEL.
 3. ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY.

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	MS21044C3	NUT				
1	MS24693-C287	SCREW				
1	69830-13	14 SPRING		COMMERCIAL		15mm X 70mm SPRING
1	69830-12	13 BUSH		6061-T6 ALUMINUM	Q-Q-A-200/B	40.75 ROD
1	69830-12	12 STOP		6061-T6 ALUMINUM	Q-Q-A-200/B	80 B25 ROD
1	69830-10	11 CAP		4130 STEEL COND. N	MIL-S-18729	0.050 SHEET
1	69830-09	10 CAP		4130 STEEL COND. N	MIL-S-18729	0.050 SHEET
1	69830-09	09 GUIDE	3/4" 5.5			40.75 X 0.568 RND. TUBE
2	69830-07	08 HOOK SUPPORT		STEEL	COMMERCIAL T	1.0 X 1.0 X 0.125 ANGLE
2	69830-06	07 HOOK		HSS STEEL	COMMERCIAL T	1 X 2 X 0.125 TUBE
1	69830-05	06 STRAP		4130 STEEL COND. N	MIL-S-18729	0.125 SHEET
1	69830-04	05 BUSHING		4130 STEEL COND. N	MIL-S-18729	80 B25 ROD
1	69830-04	04 TUBE		304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE
1	69831-03	03 TUBE		HSS STEEL - TYPE W	CSA 640.21	1 X 2 X 0.125 TUBE
1	69831-02	02 TUBE		HSS STEEL - TYPE W	CSA 640.21	1 X 2 X 0.125 TUBE
1	69831-01	01 AFT BEAM ASSEMBLY				

APPROVALS		DATE	
DRAWN: JEFF CLARKE	06 APR 2006		
CHECKED: E. BURGIN			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		BELL 206L / 407 QUICK RELEASE CARG BASKET PART BEAM FABRICATION	
DECIMALS	ANGLES		
X.XXX ±0.010	±1/2°		
X.X ±0.03			
XX ±0.1			
SCALE 1 : 2		DWG. NO. REV.	
SHEET 1 OF 1		A0 69831 0	



- NOTES
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
 2. WELDING OF STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2685C.
WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT FOR 4130/HSS STEEL.
WELDING ROD SHALL CONFORM TO AMS 5680A OR EQUIVALENT FOR STAINLESS STEEL.
 3. ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY.

1	MS21044C3	NUT	STAINLESS STEEL	COMMERCIAL	15mm x 70mm SPRING	
1	#10-32	SCREW	6061-T6 ALUMINUM	QQ-A-200/8	#0.75 ROD	
1	69830-13	13 SPRING	COMMERCIAL		#0.625 ROD	
1	69830-12	12 KNOB	6061-T6 ALUMINUM	QQ-A-200/8	#0.75 ROD	
1	69830-11	11 STOP	6061-T6 ALUMINUM	QQ-A-200/8	#0.625 ROD	
1	69830-10	10 CAP	4130 STEEL COND. N	MIL-S-18729	0.050 SHEET	
1	69830-09	9 CAP	4130 STEEL COND. N	MIL-S-18729	0.050 SHEET	
2	69830-08	8 GUIDE	4130 STEEL COND. N	MIL-T-6738	#0.75 X 0.058 ROD. TUBE	
1	69830-07	07 HOOK SUPPORT	STEEL	COMMERCIAL	1.0 X 1.0 X 0.125 ANGLE	
1	69830-06	06 HOOK	4130 STEEL COND. N	HSS STEEL	1 X 1 X 0.125 TUBE	
1	69830-05	05 STRAP	4130 STEEL COND. N	MIL-S-18729	0.125 SHEET	
1	69830-04	04 BUSHING	4130 STEEL COND. N	MIL-S-8758	#0.625 ROD	
1	69830-03	03 TUBE	304 STAINLESS STEEL	ASTM A541	1 X 2 X 0.125 TUBE	
1	69830-02	02 TUBE	HSS STEEL - TYPE W	CSA 440.21	1 X 2 X 0.125 TUBE	
01	69830-01	01 FORWARD BEAM ASSEMBLY				
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
				LIST OF MATERIALS		

APPROVALS		DATE		<h1 style="text-align: center;">AERO DESIGN LTD.</h1> <p>CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2015 - 90TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6K7 Tel: (403) 280-8922 Fax: (403) 280-8923 aerodesign@telusnet.ca</p>			
DRAWN: JEFF CHAPMAN		06 APR 2006					
CHECKED: E. BURGON							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:				BELL 206L / 407 QUICK RELEASE CARGO BASKET FORWARD BOMB FABRICATION			
DECIMALS: ANGLES .X XXX ±.010 1/2" .XX XX ±.003 .X X ±.01							
SCALE 1 : 1 SHEET 1 OF 1				DWG. SIZE A0		DWG. NO. 69830	
						REV. 0	